

Checklist of the infraorder Tipulomorpha (Trichoceridae, Tipuloidea) (Diptera) of Finland

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Abstract

A checklist of the infraorder Tipulomorpha: families Trichoceridae, Pediciidae, Limoniidae, Cylindrotomidae and Tipulidae (Diptera) recorded from Finland.

Keywords

Checklist, Finland, Diptera, Trichoceridae, Pediciidae, Limoniidae, Cylindrotomidae, Tipulidae

Introduction

Trichoceridae is a small family of medium sized gnats, mostly of Holarctic distribution. Larvae live in different decaying matter like leaves, wood, fungi or dead mammals. Adults form numerous swarms that are encountered during colder fall and spring months or warmer winter days in warmer climates or during the short summer months in northern latitudes.

No comprehensive and up to date key exists for north European adults or larvae, but a combination of Shtackelberg (1988), Starý (1999) and Petrašiūnas (2009) could be used. However, Shtackelberg (1988) must be used with caution because several species have since been published. List of trichocerids presented here is based on literature review (see Dahl 1968, Dahl and Alexander 1976), no new material has been studied.

Table 1. Number of species by family.

Family	Number of species in			Level of knowledge
	World (Oosterbroek 2014)	Europe (Pape et al. 2011)	Finland	
Tipulomorpha:				
Trichoceridae	183	50	15–17	poor-average
Pediciidae	490	63	19	good
Limoniidae	10528	545	196	good
Cylindrotomidae	71	7	7	good
Tipulidae	4280	456	114–115	good

Tipuloidea crane flies (Pediciidae, Limoniidae, Cylindrotomidae and Tipulidae) belong to the infraorder Tipulomorpha together with trichocerids (Wiegmann et al. 2011). Following Starý (1992), most European authors distinguish four families: Limoniidae, Tipulidae, Pediciidae and Cylindrotomidae. North American authors, strongly influenced by C.P. Alexander, usually prefer a single family, Tipulidae; other families, *sensu* Starý, are there subfamilies or tribes (Byers 1992, Petersen et al. 2010). According to a recent phylogenetic analysis (Petersen et al. 2010), two families are recognized, Tipulidae and Pediciidae, but the consensus tree of that analysis had many unresolved polytomies. Crane fly larvae occur usually in moist or (semi)aquatic habitats, but larvae may also be found on mosses, in dry soil, fungal fruiting bodies and dead wood. Cylindrotomids are herbivorous, feeding on vascular plants or mosses. Most larvae of (semi)aquatic species have open spiracles and are dependent on aerial oxygen supply, but truly aquatic species are able to withdraw dissolved oxygen through the cuticle of tracheal gills.

An annotated list of Finnish crane flies was provided by Salmela (2012a) and a few species were later added in subsequent papers (Salmela 2012b, 2013). Species richness of Finnish crane flies is negatively correlated with latitude but mire-dwelling crane flies have anomal species richness gradient (Salmela 2012). Finnish crane flies are rather well known, but perhaps up to 20 more species could be found from Finland (Salmela 2013).

Checklist

Nematocera Dumeril, 1805
infraorder Tipulomorpha Rohdendorf, 1961

TRICHOCERIDAE Rondani, 1841
CLADONEURA Scudder, 1894
 = *Diazosma* Bergroth, 1913
? *Cladoneura hirtipenne* (Siebke, 1863)
TRICHOCERA Meigen, 1803
sg. *Metatrichocera* Dahl, 1966

Trichocera gigantea (Dahl, 1967)
Trichocera lutea Becher, 1886
Trichocera mackenziei (Dahl, 1967)
sg. *Saltrichocera* Krzeminska, 2002
Trichocera annulata Meigen, 1818
 ? *Trichocera arctica* Lundström, 1915
Trichocera implicata Dahl, 1976
Trichocera maculipennis Meigen, 1818
Trichocera parva Meigen, 1804
Trichocera regelationis (Linnaeus, 1758)
Trichocera rufescens Edwards, 1921
Trichocera saltator (Harris, 1776)
 = *fuscata* Meigen, 1818
Trichocera sparsa Starý & Martinovský, 1996
sg. *Trichocera* Meigen, 1803
Trichocera hiemalis (De Geer, 1776)
Trichocera inexplorata (Dahl, 1967)
Trichocera major Edwards, 1921
Trichocera sibirica Edwards, 1920

PEDICIIDAE Osten Sacken, 1860
 PEDICIINAE Osten Sacken, 1860
DICRANOTA Zetterstedt, 1838
sg. *Dicranota* Zetterstedt, 1838
Dicranota bimaculata (Schummel, 1829)
Dicranota crassicauda Tjeder, 1972
Dicranota guerini Zetterstedt, 1838
sg. *Paradicranota* Alexander, 1934
Dicranota gracilipes Wahlgren, 1905
Dicranota pavidata (Haliday, 1833)
Dicranota robusta Lundström, 1912
Dicranota subtilis Loew, 1871
sg. *Rhaphidolabis* Osten Sacken, 1869
Dicranota exclusa (Walker, 1848)
PEDICIA Latreille, 1809
sg. *Crunobia* Kolenati, 1859
Pedicia straminea (Meigen, 1838)
sg. *Pedicia* Latreille, 1809
Pedicia rivosata (Linnaeus, 1758)
TRICYPHONA Zetterstedt, 1837
sg. *Tricyphona* Zetterstedt, 1837
Tricyphona immaculata (Meigen, 1804)
Tricyphona livida Madarassy, 1881

Tricyphona schummeli Edwards, 1921

Tricyphona unicolor (Schummel, 1829)

ULINAE Alexander, 1920

ULA Haliday, 1833

sg. *Ula* Haliday, 1833

Ula bolitophila Loew, 1869

Ula kiushiuensis Loew, 1869

Ula mixta Stary, 1983

Ula mollissima Haliday, 1833

= *inconclusa* (Walker, 1856)

Ula sylvatica (Meigen, 1818)

LIMONIIDAE Speiser, 1909

CHIONEINAE Rondani, 1841

ARCTOCONOPA Alexander, 1955

Arctoconopa forcipata (Lundström, 1915)

Arctoconopa obscuripes (Zetterstedt, 1851)

Arctoconopa zonata (Zetterstedt, 1851)

CHEILOTRICHIA Rossi, 1848

sg. *Cheilotrichia* Rossi, 1848

Cheilotrichia imbuta (Meigen, 1818)

sg. *Empeda* Osten Sacken, 1869

Cheilotrichia areolata (Lundström, 1912)

Cheilotrichia cinerascens (Meigen, 1804)

= *nubila* (Schummel, 1829)

Cheilotrichia neglecta (Lackschewitz, 1927)

CHIONEA Dalman, 1816

sg. *Chionea* Dalman, 1816

Chionea araneoides Dalman, 1816

= *minuta* Tahvonen, 1932

Chionea crassipes Boheman, 1846

sg. *Sphaeconophilus* Becker, 1912

Chionea lutescens Lundström, 1907

= *brevirostris* Tahvonen, 1932

CRYPTERIA Bergroth, 1913

Crypteria limnophiloides Bergroth, 1913

ERIOCONOPA Stary, 1976

Erioconopa diuturna (Walker, 1848)

Erioconopa trivialis (Meigen, 1818)

ERIOPTERA Meigen, 1803

sg. *Erioptera* Meigen, 1803

Erioptera beckeri Kuntze, 1914

= *fuscipennis* misid.

- Erioptera divisa* (Walker, 1848)
Erioptera flavata (Westhoff, 1882)
 = *gemina* Tjeder, 1967
Erioptera griseipennis Meigen, 1838
Erioptera lutea Meigen, 1804
Erioptera nielseni Meijere, 1921
Erioptera pederi Tjeder, 1969
Erioptera sordida Zetterstedt, 1838
Erioptera squalida Loew, 1871
Erioptera tordi Tjeder, 1973
GNOPHOMYIA Osten Sacken, 1860
Gnophomyia acheron Alexander, 1950
Gnophomyia lugubris (Zetterstedt, 1838)
Gnophomyia viridipennis (Gimmerthal, 1847)
GONEMPEDA Alexander, 1924
Gonempeda flava (Schummel, 1829)
GONOMYIA Meigen, 1818
sg. *Gonomyia* Meigen, 1818
Gonomyia abscondita Lackschewitz, 1935
 = *lucidula* misid.
Gonomyia bifida Tonnoir, 1920
Gonomyia dentata Meijere, 1920
Gonomyia simplex Tonnoir, 1920
Gonomyia stackelbergi Lackschewitz, 1935
Gonomyia tenella (Meigen, 1818)
sg. *Teuchogonomyia* Alexander, 1968
Gonomyia edwardsi Lackschewitz, 1925
HOPLOLABIS Osten Sacken, 1869
sg. *Parilisia* Savchenko, 1976
Hoplolabis areolata (Siebke, 1872)
Hoplolabis vicina (Tonnoir, 1920)
MOLOPHILUS Curtis, 1833
sg. *Molophilus* Curtis, 1833
Molophilus appendiculatus (Staeger, 1840)
Molophilus ater (Meigen, 1804)
Molophilus bifidus Goetghebuer, 1920
Molophilus bihamatus Meijere, 1918
Molophilus cinereifrons Meijere, 1920
Molophilus corniger Meijere, 1920
Molophilus crassipygus Meijere, 1918
 = *ochrescens* Edwards, 1938
Molophilus flavus Goetghebuer, 1920
Molophilus griseus (Meigen, 1804)

- Molophilus medius* Meijere, 1918
Molophilus obscurus (Meigen, 1818)
Molophilus occultus Meijere, 1918
Molophilus ochraceus (Meigen, 1818)
Molophilus propinquus (Egger, 1863)
Molophilus pullus Lackschewitz, 1927
NEOLIMNOPHILA Alexander, 1920
Neolimnophila carteri (Tonnoir, 1921)
Neolimnophila placida (Meigen, 1830)
ORMOSIA Rondani, 1856
sg. Oreophila Lackschewitz, 1935
Ormosia sootryeni (Lackschewitz, 1935)
sg. Ormosia Rondani, 1856
Ormosia brevinervis (Lundström, 1907)
Ormosia clavata (Tonnoir, 1920)
Ormosia depilata Edwards, 1938
Ormosia fascipennis (Zetterstedt, 1838)
Ormosia hederæ (Curtis, 1835)
Ormosia lineata (Meigen, 1804)
Ormosia loxia Starý, 1983
Ormosia pseudosimilis (Lundström, 1912)
Ormosia ruficauda (Zetterstedt, 1838)
Ormosia staegeriana Alexander, 1953
PHYLLOLABIS Osten Sacken, 1877
Phyllolabis macroura (Siebke, 1863)
RHABDOMASTIX Skuse, 1890
Rhabdomastix borealis Alexander, 1924
Rhabdomastix laeta (Loew, 1873)
Rhabdomastix parva (Siebke, 1863)
RHYPHOLOPHUS Kolenati, 1860
Rhypholophus haemorrhoidalis (Zetterstedt, 1838)
Rhypholophus varius (Meigen, 1818)
SCLEROPROCTA Edwards, 1938
Scleroprocta pentagonalis (Loew, 1973)
Scleroprocta sororcula (Zetterstedt, 1851)
 = *danica* (Nielsen, 1923)
SYMPLECTA Meigen, 1830
sg. Psiloconopa Zetterstedt, 1838
Symplecta lindrothi (Tjeder, 1955)
Symplecta meigeni (Zetterstedt, 1838)
Symplecta stictica (Meigen, 1818)
sg. Symplecta Meigen, 1830
Symplecta chosenensis (Alexander, 1940)

- Symplecta hybrida* (Meigen, 1804)
Symplecta mabelana (Alexander, 1955)
Symplecta scotica (Edwards, 1938)
sg. *Trimicra* Osten Sacken, 1861
Symplecta pilipes (Fabricius, 1787)
TASIOCERA Skuse, 1890
sg. *Dasymolophilus* Goetghebuer, 1920
Tasiocera exigua Savchenko, 1973
Tasiocera fuscescens (Lackschewitz, 1940)
Tasiocera murina (Meigen, 1818)
 LIMNOPHILINAE Bigot, 1854
ADELPHOMYIA Bergroth, 1891
Adelphomyia punctum (Meigen, 1818)
AUSTROLIMNOPHILA Alexander, 1920
sg. *Archilimnophila* Alexander, 1934
Austrolimnophila harperi (Alexander, 1926)
Austrolimnophila unica (Osten Sacken, 1869)
DICRANOPHRAGMA Osten Sacken, 1860
sg. *Brachylimnophila* Alexander, 1966
Dicranophragma adjunctum (Walker, 1848)
Dicranophragma separatum (Walker, 1848)
 = *nemorale* misid.
 = *leucophaea* misid.
ELOEOPHILA Rondani, 1856
Eloeophila maculata (Meigen, 1804)
Eloeophila mundata (Loew, 1971)
Eloeophila submarmorata (Verrall, 1887)
Eloeophila trimaculata (Zetterstedt, 1838)
Eloeophila verralli (Bergroth, 1912)
EPIPHRAGMA Osten Sacken, 1860
sg. *Epiphragma* Osten Sacken, 1860
Epiphragma ocellare (Linnaeus, 1761)
EUPHYLIDOREA Alexander, 1972
Euphylidorea dispar (Meigen, 1818)
 = *lineola* misid.
Euphylidorea meigeni (Verrall, 1886)
Euphylidorea phaeostigma (Schummel, 1829)
EUTONIA van der Wulp, 1874
Eutonia barbipes (Meigen, 1804)
HEXATOMA Latreille, 1809
sg. *Hexatoma* Latreille, 1809
Hexatoma fuscipennis (Curtis, 1836)
 = *nubeculosa* misid.

IDIOPTERA Macquart, 1834*Idioptera linnei* Oosterbroek, 1992= *fasciata* (Linnaeus, 1767) preocc.*Idioptera pulchella* (Meigen, 1830)= *pulchella* var. *macropteryx* (Tjeder, 1955)**LIMNOPHILA** Macquart, 1834**sg. *Limnophila*** Macquart, 1834*Limnophila pictipennis* (Meigen, 1818)*Limnophila schranki* Oosterbroek, 1992= *punctata* (Schrank, 1781)**NEOLIMNOMYIA** Seguy, 1937**sg. *Neolimnomyia*** Seguy, 1937*Neolimnomyia batava* (Edwards, 1938)**PARADELPHOMYIA** Alexander, 1936**sg. *Oxyrhiza*** de Meijere, 1946*Paradelphomyia fuscula* (Loew, 1873)*Paradelphomyia nigrina* (Lackschewitz, 1940)**PHYLIDOREA** Bigot, 1854**sg. *Macrolabina*** Savchenko, 1986*Phylidorea nigronotata* (Siebke, 1870)**sg. *Paraphylidorea*** Savchenko, 1986*Phylidorea fulvonervosa* (Schummel, 1829)= *Euphylidorea lineola* misid.**sg. *Phylidorea*** Bigot, 1854*Phylidorea abdominalis* (Staeger, 1840)*Phylidorea bicolor* (Meigen, 1804)*Phylidorea ferruginea* (Meigen, 1818)*Phylidorea heterogyna* (Bergroth, 1913)*Phylidorea longicornis* (Schummel, 1829)= *glabricula* (Meigen, 1830)*Phylidorea nervosa* (Schummel, 1829)= *nigricollis* (Meigen, 1830)*Phylidorea squalens* (Zetterstedt, 1838)*Phylidorea umbrarum* (Krogerus, 1937)**PILARIA** Sintenis, 1889*Pilaria decolor* (Zetterstedt, 1851)*Pilaria discicollis* (Meigen, 1818)*Pilaria meridiana* (Staeger, 1840)*Pilaria nigropunctata* (Agrell, 1945)= *fuscipennis* misid.*Pilaria scutellata* (Staeger, 1840)**PSEUDOLIMNOPHILA** Alexander, 1919**sg. *Pseudolimnophila*** Alexander, 1919

- Pseudolimnophila lucorum* (Meigen, 1818)
 LIMONIINAE Speiser, 1909
ACHYROLIMONIA Alexander, 1965
Achyrolimonia decemmaculata (Loew, 1873)
ANTOCHA Osten Sacken, 1860
sg. Antocha Osten Sacken, 1860
Antocha vitripennis (Meigen, 1830)
ATYPOPTHALMUS Brunetti, 1911
sg. Atypophthalmus Brunetti, 1911
Atypophthalmus inustus (Meigen, 1818)
DICRANOMYIA Stephens, 1829
sg. Dicranomyia Stephens, 1829
Dicranomyia aperta Wahlgren, 1904
Dicranomyia autumnalis (Staeger, 1840)
Dicranomyia consimilis (Zetterstedt, 1838)
Dicranomyia didyma (Meigen, 1804)
Dicranomyia distendens Lundström, 1912
Dicranomyia frontalis (Staeger, 1840)
Dicranomyia halterata Osten Sacken, 1869
Dicranomyia handlirschi Lackschewitz, 1928
Dicranomyia hyalinata (Zetterstedt, 1851)
Dicranomyia longipennis (Schummel, 1829)
Dicranomyia mitis (Meigen, 1830)
Dicranomyia modesta (Meigen, 1818)
Dicranomyia moniliformis Doane, 1900
Dicranomyia omissinervis Meijere, 1918
Dicranomyia patens Lundström, 1907
Dicranomyia radegasti Starý, 1993
Dicranomyia sera (Walker, 1848)
Dicranomyia terraenovae Alexander, 1920
Dicranomyia ventralis (Schummel, 1829)
Dicranomyia zernyi Lackschewitz, 1928
sg. Glochina Meigen, 1830
Dicranomyia liberta Osten Sacken, 1860
Dicranomyia tristis (Schummel, 1829)
 = *subtristis* Alexander, 1924
 = *schineri* misid.
 = *schineriana* misid.
sg. Idiopyga Savchenko, 1987
Dicranomyia danica Kuntze, 1919
Dicranomyia esbeni (Nielsen, 1940)
Dicranomyia halterella Edwards, 1921
Dicranomyia intricata Alexander, 1927

- Dicranomyia klefbecki* (Tjeder, 1941)
Dicranomyia lulensis (Tjeder, 1969)
Dicranomyia magnicauda Lundström, 1912
Dicranomyia murina (Zetterstedt, 1851)
Dicranomyia ponojensis Lundström, 1912
Dicranomyia stigmatica (Meigen, 1830)
sg. *Melanolimonia* Alexander, 1965
Dicranomyia caledonica Edwards, 1926
Dicranomyia morio (Fabricius, 1787)
Dicranomyia occidua Edwards, 1926
Dicranomyia rufiventris (Strobl, 1901)
Dicranomyia stylifera Lackschewitz, 1928
sg. *Numantia* Bigot, 1854
Dicranomyia fusca (Meigen, 1804)
DICRANOPTYCHA Osten Sacken, 1860
Dicranoptycha cinerascens (Meigen, 1818)
Dicranoptycha fuscescens (Schummel, 1829)
DISCOBOLA Osten Sacken, 1865
Discobola annulata (Linnaeus, 1758)
Discobola caesarea (Osten Sacken, 1854)
ELEPHANTOMYIA Osten Sacken, 1860
sg. *Elephantomyia* Osten Sacken, 1860
Elephantomyia edwardsi Lackschewitz, 1932
Elephantomyia krivosheinae Savchenko, 1976
HELIUS Lepeletier & Serville, 1828
sg. *Helius* Lepeletier & Serville, 1828
Helius flavus (Walker, 1856)
Helius longirostris (Meigen, 1818)
Helius pallirostris Edwards, 1921
LIBNOTES Westwood, 1876
sg. *Afrolimonia* Alexander, 1965
Libnotes ladogensis (Lackschewitz, 1940)
LIMONIA Meigen, 1803
sg. *Limnobia* Meigen, 18018
Limonia badia (Walker, 1848)
Limonia flavipes (Fabricius, 1787)
Limonia macrostigma (Schummel, 1829)
Limonia maculicosta (Coquillett, 1905)
Limonia messaurea Mendl, 1971
Limonia nubeculosa Meigen, 1804
Limonia phragmitidis (Schränk, 1781)
 = *tripunctata* Fabricius, 1781
Limonia stigma (Meigen, 1818)
Limonia sylvicola (Schummel, 1829)

Limonia trivittata (Schummel, 1829)

LIPSOTHRIX Loew, 1873

Lipsothrix ecucullata Edwards, 1938

Lipsothrix errans (Walker, 1848)

METALIMNOBIA Matsumura, 1911

sg. Metalimnobia Matsumura, 1911

Metalimnobia bifasciata (Schränk, 1781)

Metalimnobia charlesi Salmela & Starý, 2008

Metalimnobia quadrimaculata (Linnaeus, 1761)

Metalimnobia quadrinotata (Meigen, 1818)

Metalimnobia tenua Savchenko, 1976

Metalimnobia zetterstedti (Tjeder, 1968)

= *elegans* Zetterstedt, 1838 preocc.

NEOLIMONIA Alexander, 1964

Neolimonia dumetorum (Meigen, 1804)

ORIMARGA Osten Sacken, 1869

sg. Orimarga Osten Sacken, 1869

Orimarga attenuata (Walker, 1848)

Orimarga juvenilis (Zetterstedt, 1851)

RHIPIDIA Meigen, 1818

sg. Rhipidia Meigen, 1818

Rhipidia maculata Meigen, 1818

= *duplicata* (Doane, 1900)

Rhipidia uniseriata Schiner, 1864

CYLINDROTOMIDAE Schiner, 1863

CYLINDROTOMA Macquart, 1834

Cylindrotoma borealis Peus, 1952

Cylindrotoma distinctissima (Meigen, 1818)

Cylindrotoma nigriventris Loew, 1849

DIOGMA Edwards, 1938

Diogma caudata Takahashi, 1960

Diogma glabrata (Meigen, 1818)

PHALACROCERA Schiner, 1863

Phalacrocera replicata (Linnaeus, 1758)

TRIOGMA Schiner, 1863

Triogma trisulcata (Schummel, 1829)

TIPULIDAE Latreille, 1802

CTENOPHORINAE Osten Sacken, 1887

tribe Ctenophorini Osten Sacken, 1887

CTENOPHORA Meigen, 1803

sg. Ctenophora Meigen, 1803

Ctenophora flaveolata (Fabricius, 1794)

Ctenophora guttata Meigen, 1818

Ctenophora nigriceps (Tjeder, 1949)

Ctenophora pectinicornis (Linnaeus, 1758)

DICTENIDIA Brulle, 1833

Dictenidia bimaculata (Linnaeus, 1761)

PHOROCTENIA Coquillett, 1910

Phoroctenia vittata (Meigen, 1830)

tribe Tanypterini Savchenko, 1966

TANYPTERA Latreille, 1804

sg. *Tanyptera* Latreille, 1804

Tanyptera atrata (Linnaeus, 1758)

Tanyptera nigricornis (Meigen, 1818)

DOLICHOPEZINAE Osten Sacken, 1887

DOLICHOPEZA Curtis, 1825

sg. *Dolichopeza* Curtis, 1825

Dolichopeza albipes (Strom, 1768)

Dolichopeza bifida Osterbrook & Lantsov, 2011

= *nitida* of authors

TIPULINAE Latreille, 1802

tribe Prionocerini Savchenko, 1966

PRIONOCERA Loew, 1844

Prionocera abscondita Lackschewitz, 1933

Prionocera chosenicola Alexander, 1945

= *dimidiata* misid.

= *absentiva* misid.

Prionocera pubescens Loew, 1844

Prionocera recta Tjeder, 1948

= *lapponica* Tjeder, 1948

= *lackschewitzi* Mannheims, 1951

Prionocera ringdahli Tjeder, 1948

Prionocera serricornis (Zetterstedt, 1838)

Prionocera subserricornis (Zetterstedt, 1851)

= *proxima* Lackschewitz, 1933

Prionocera turcica (Fabricius, 1787)

Prionocera woodorum Brodo, 1987

tribe Tipulini Latreille, 1802

ANGAROTIPULA Savchenko, 1961

Angarotipula tumidicornis (Lundström, 1907)

NEPHROTOMA Meigen, 1803

Nephrotoma aculeata (Loew, 1871)

Nephrotoma analis (Schummel, 1833)

Nephrotoma appendiculata (Pierre, 1919)

Nephrotoma cornicina (Linnaeus, 1758)

- Nephrotoma crocata* (Linnaeus, 1758)
Nephrotoma dorsalis (Fabricius, 1781)
Nephrotoma flavescens (Linnaeus, 1758)
Nephrotoma lundbecki (Nielsen, 1907)
Nephrotoma lunulicornis (Schummel, 1833)
Nephrotoma pratensis (Linnaeus, 1758)
Nephrotoma quadristriata (Schummel, 1833)
Nephrotoma relictata (Savchenko, 1973)
Nephrotoma scurra (Meigen, 1818)
Nephrotoma submaculosa Edwards, 1928
Nephrotoma tenuipes (Riedel, 1910)
NIGROTIPULA Hudson & Vane-Wright, 1969
Nigrotipula nigra (Linnaeus, 1758)
TIPULA Linnaeus, 1758
sg. Acutipula Alexander, 1924
Tipula fulvipennis De Geer, 1776
Tipula maxima Poda, 1761
sg. Arctotipula Alexander, 1934
Tipula salicetorum Siebke, 1870
 = *nigricornis* Zetterstedt, 1851
sg. Beringotipula Savchenko, 1961
Tipula unca Wiedemann, 1817
 = *hortensis* Meigen, 1818
sg. Dendrotipula Savchenko, 1964
Tipula flavolineata Meigen, 1804
sg. Emodotipula Alexander, 1966
Tipula obscuriventris Strobl, 1900
sg. Lindnerina Mannheims, 1965
Tipula bistilata Lundström, 1907
Tipula subexcisa Lundström, 1907
sg. Lunatipula Edwards, 1931
Tipula affinis Schummel, 1833
Tipula circumdata Siebke, 1863
 = *livida* misid.
Tipula fascipennis Meigen, 1818
Tipula humilis Staeger, 1840
Tipula laetabilis Zetterstedt, 1838
 = *dilatata* Schummel, 1833
Tipula limitata Schummel, 1833
Tipula lunata Linnaeus, 1758
 = *luna* mistake
 ? *Tipula peliostigma* Schummel, 1833
Tipula recticornis Schummel, 1833

- Tipula selene* Meigen, 1830
Tipula trispinosa Lundström, 1907
Tipula vernalis Meigen, 1804
sg. *Odonatisca* Savchenko, 1956
Tipula nodicornis Meigen, 1818
 = *juncea* Meigen, 1818
sg. *Platytipula* Matsumura, 1916
Tipula luteipennis Meigen, 1830
Tipula melanoceros Schummel, 1833
sg. *Pterelachisus* Rondani, 1842
Tipula cinereocincta Lundström, 1907
Tipula crassicornis Zetterstedt, 1838
Tipula irrorata Macquart, 1826
Tipula jutlandica Nielsen, 1947
Tipula kaisilai Mannheims, 1954
Tipula laetibasis Alexander, 1934
Tipula luridorostris Schummel, 1833
Tipula matsumuriana ssp. *pseudohortensis* Lackschewitz, 1932
Tipula mutila Wahlgren, 1905
Tipula octomaculata Savchenko, 1964
Tipula pabulina Meigen, 1818
Tipula pauli Mannheims, 1964
Tipula pseudoirrorata Goetghebuer, 1921
Tipula recondita Pilipenko & Salmela, 2012
Tipula stenostyla Savchenko, 1964
Tipula submarmorata Schummel, 1833
 = *meigeni* Mannheims, 1966
Tipula truncorum Meigen, 1830
Tipula varipennis Meigen, 1818
 = *pseudovariipennis* misid.
Tipula wahlgreni Lackschewitz, 1925
Tipula winthemi Lackschewitz, 1932
sg. *Savtshenkia* Alexander, 1965
Tipula alpium Bergroth, 1888
Tipula benesignata Mannheims, 1954
Tipula confusa van der Wulp, 1883
 = *marmorata* Meigen, 1818
Tipula gimmerthali Lackschewitz, 1925
Tipula grisescens Zetterstedt, 1851
Tipula interserta Riedel, 1913
Tipula invenusta Riedel, 1919
Tipula limbata Zetterstedt, 1838
Tipula obsoleta Meigen, 1818

- Tipula pagana* Meigen, 1818
Tipula signata Staeger, 1840
Tipula subnodicornis Zetterstedt, 1838
sg. *Schummelia* Edwards, 1931
Tipula variicornis Schummel, 1833
sg. *Tipula* Linnaeus, 1758
Tipula paludosa Meigen, 1830
 = *oleracea* misid.
Tipula subcunctans Alexander, 1921
 = *czizeki* de Jong, 1925
sg. *Vestiplex* Bezzi, 1924
Tipula excisa Schummel, 1833
Tipula hortorum Linnaeus, 1758
Tipula laccata Lundström & Frey, 1916
Tipula montana Curtis, 1834
Tipula nubeculosa Meigen, 1804
Tipula pallidicosta Pierre, 1924
Tipula scripta Meigen, 1830
Tipula sintenisi Lackschewitz, 1933
Tipula tchukchi Alexander, 1934
 = *bo* Mannheims, 1967
sg. *Yamatotipula* Matsumura, 1916
Tipula chonsaniana Alexander, 1945
Tipula coerulescens Lackschewitz, 1923
Tipula couckeii Tonnoir, 1921
Tipula fendleri Mannheims, 1963
Tipula freyana Lackschewitz, 1936
Tipula lateralis Meigen, 1804
Tipula marginella Theowald, 1980
 = *marginata* Meigen, 1818
Tipula moesta Riedel, 1919
Tipula montium Egger, 1863
Tipula pierrei Tonnoir, 1921
 = *solstitialis* Westhoff, 1879
Tipula pruinosa Wiedemann, 1817
Tipula quadrivittata Staeger, 1840

Excluded species

Trichocera japonica Matsumura, 1915

Twenty-two previously reported crane fly species were deleted from the Finnish list by Salmela (2012a); these are not repeated here.

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